

MTS-520US5

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: M. Oshima et al. : Art Unit:
Serial No.: To Be Assigned : Examiner:
Filed: Herewith :
FOR: MARK FORMING APPARATUS, :
METHOD OF FORMING LASER MARK ON :
OPTICAL DISK, REPRODUCING
APPARATUS, OPTICAL DISK AND
METHOD PRODUCING OPTICAL DISK

Reissue Divisional of:

Applicant: M. Oshima et al. : Art Unit: 2132
Serial No.: 09/588,364 : Examiner: S. Kabakoff
Filed: June 2, 2000 :
FOR: MARK FORMING APPARATUS, :
METHOD OF FORMING LASER MARK ON :
OPTICAL DISK, REPRODUCING
APPARATUS, OPTICAL DISK AND
METHOD OF PRODUCING OPTICAL DISK

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

S I R :

Prior to examination, please amend the above-identified reissue
application as follows:

IN THE SPECIFICATION:

Please insert the following paragraph at page 1, line 1:

This is a Reissue Divisional Application of U.S. Patent Application Serial No. 09/588,364, filed June 2, 2000, which is a Reissue Application of U.S. Patent No. 5,761,301, issued June 2, 1998.

IN THE CLAIMS:

Please cancel claims 1-27.

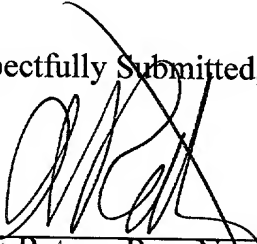
100193-1001
E264001

REMARKS

Claims 28 and 29 were newly added in Reissue Application Serial No. 09/588,364, filed June 2, 2000. These claims are not included with this Reissue Divisional Application.

New claims 28-35 have been newly added and attached to this divisional application.

Respectfully Submitted,


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Attorney for Applicants

AR/lm

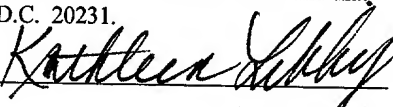
Enclosure: Version With Markings Showing Changes Made
Dated: December 7, 2001

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Kathleen Libby

VERSION WITH MARKINGS TO SHOW CHANGES MADE

SPECIFICATION:

Specification at page 1, line 1:

This is a Reissue Divisional Application of U.S. Patent Application Serial No. 09/588,364, filed June 2, 2000, which is a Reissue Application of U.S. Patent No. 5,761,301, issued June 2, 1998.

CLAIMS:

Claims 1-27 have been cancelled.

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1 28. (Newly Added) A method for manufacturing an optical disk,
2 comprising:

3 forming, on a substrate, an embossed zone having pits indicating
4 data signals;

5 forming a reflective layer on the embossed zone; and

6 trimming the reflective layer to form a barcode pattern indicating
7 information on the embossed zone,

8 wherein trimming the reflective layer includes changing the
9 reflective layer on the embossed zone to form a low-reflective barcode pattern.

1 29. (Newly Added) The method of claim 28 in which trimming
2 the reflective layer includes removing the reflective layer on the pits to form a
3 low-reflective barcode pattern.

1 30. (Newly Added) The method of claim 28 in which trimming
2 the reflective layer includes forming the barcode pattern free-of-data readable
3 signals.

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